at least a portion of said tubular shaped stent having a second, expanded diameter, said portion being formable to said second diameter, without any change in length of said tubular shaped stent, upon application from the interior of said tubular shaped stent of an outwardly extending force, to expand said lumen and to retain said portion of said tubular shaped stent with said second, expanded diameter within said body passageway.

31. (amended) An endovascular implant, comprising:

a tubular shaped [stent] expandable prosthesis formed by a plurality of connected elongate members and having a first diameter which permits intraluminal delivery of the tubular shaped [stent] expandable prosthesis into a body passageway having a lumen; and

said tubular shaped [stent] expandable prosthesis having a second, expanded diameter, upon the application from the interior of said tubular shaped [stent] expandable prosthesis of an outwardly extending force, which second diameter is variable and controlled by the amount of force applied to said tubular shaped [stent] expandable prosthesis, at least a portion of said tubular shaped [stent] expandable prosthesis being deformed by the outwardly extending force to retain said tubular shaped [stent] expandable prosthesis with the second, expanded diameter whereby said tubular shaped [stent] expandable prosthesis may be expanded to expand the lumen of the body passageway and remain therein.

32. (amended) An apparatus for intraluminally reinforcing a body passageway, comprising:

an expandable intraluminal [stent] prosthesis formed by a plurality of connected elongate members; and

a catheter having an expandable, inflatable portion associated therewith and including means for mounting said expandable intraluminal [stent] prosthesis on said expandable, inflatable portion,

whereby upon inflation of said expandable, inflatable portion of said catheter, said [stent] expandable prosthesis is forced outwardly into contact with the body passageway to remain therein, and the expansion of said [stent] expandable prosthesis is controlled by the expansion of said inflatable portion of said catheter.

33. (amended) A method for implanting [a stent] an expandable prosthesis within a body passageway comprising the steps of:

(a) disposing the [stent] expandable prosthesis upon a catheter;

(b) inserting the [stent] expandable prosthesis and catheter within the body passageway by catheterization of said body passageway; and

(c) providing controllable expansion of the [stent] expandable prosthesis at a desired location within the body passageway by expanding a portion of the catheter associated with the [stent] expandable prosthesis to force the [stent] expandable prosthesis outwardly into contact with the body passageway, by deforming a portion of the [stent] expandable prosthesis with a force in excess of the elastic limit of the portion of the [stent] expandable prosthesis, to implant the [stent] expandable prosthesis within the body passageway.

34. (amended) A method for expanding the lumen of a body passageway comprising the steps of:

(a) inserting an endovascular [stent] expandable prosthesis disposed upon a catheter into the body passageway until it is disposed adjacent a desired location within the body passageway; and